

WHAT IS CLAIMED IS:

1. A drive mechanism for use in a man-driven vehicle having a front fork to which a wheel is rotatably connected, said drive mechanism:

5 a rack affixed to the front fork of said man-driven vehicle;

 a power drive having a transmission shaft pressable on a periphery of said wheel of said front work, and a power source coupled to said transmission shaft for driving said transmission shaft to rotate; and

 a quick-release lock coupled between said power drive and said rack for
10 locking said power drive and said rack together.

2. The drive mechanism as claimed in claim 1, wherein said rack comprises a base frame and a constraint member fastened to said base frame by screws to affix said base frame to said front fork.

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3. The drive mechanism as claimed in claim 1, wherein said power source comprises a motor and a battery set.

4. The drive mechanism as claimed in claim 1, wherein said transmission
20 shaft has an embossed periphery.

5. The drive mechanism as claimed in claim 1, wherein said quick-release lock is mounted in said power drive.

25 6. The drive mechanism as claimed in claim 5, wherein said quick-release

lock comprises a flat base plate mounted in said power drive, and a locking member pivoted to said flat base plate for fastening said flat base plate to said rack.

7. The drive mechanism as claimed in claim 6, wherein said rack has a hook
5 hole; said locking member comprises a hooked portion transversely located on one end thereof and hooking in the hook hole of said rack.

8. The drive mechanism as claimed in claim 7, wherein said locking member has a handle extended from one end thereof remote from said hooked portion.

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9. The drive mechanism as claimed in claim 6, wherein said flat base plate is pivoted to said power drive; said power drive comprises a pivoted lever, said pivoted lever having an arched projection stopped at one side of said flat base plate.